

Workshop Agenda – Discussion of Small-Scale Bioenergy FIT Implementation



May 2, 2013, 9:30-4:30

California Public Utilities Commission
Auditorium
505 Van Ness Avenue
San Francisco, CA 94102

Phone Attendees (Listen ONLY)

Conference line: 1-866-812-8481
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For general questions about the workshop:

Adam.schultz@cpuc.ca.gov

WebEx – (Slide view / Submit questions)

Meeting Number: 749 020 447

Meeting Password: bioenergy

Go to:

<https://van.webex.com/van/j.php?ED=206773622&UID=491292852&PW=NMjU2ZTcwZTU4&RT=MiMO>

Background:

On 27 September 2012, Gov. Brown signed SB 1122 (Rubio) into law, creating a 250 MW bioenergy carve-out for the state's Feed-in Tariff (FIT) program.

For the full text of that law:

http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml;jsessionid=cd36e5138d18004eeb1fc4f367a0?bill_id=201120120SB1122

As part of the CPUC's efforts to implement SB 1122, Energy Division staff has commissioned a study by engineering firm Black & Veatch titled, "Small-scale Bioenergy: Resource potential, costs, and feed-in tariff implementation assessment." The first draft of this report was distributed by Energy Division staff on April 9, 2013.

For the draft of this report:

http://www.cpuc.ca.gov/NR/rdonlyres/9ABE17A5-3633-4562-A6DA-A090EB3F6D07/0/SmallScaleBioenergy_DRAFT_04092013.pdf

This report is designed to provide a high-level overview of the SB 1122-eligible small-scale bioenergy market in California, including an evaluation of resource potential and costs, in addition to providing an implementation assessment of the statute within the state's existing FIT program structure.

Purpose of Today's Workshop:

The purpose of this workshop is to engage stakeholders in an informal discussion with Energy Division staff and Black & Veatch to improve the draft consultant study noted above. Specifically, Energy Division staff seeks input from stakeholders on: (1) the resource potential estimates, (2) LCOE estimates, (3) potential market and regulatory barriers to implementation of SB 1122, and (4) potential technology allocations by IOU to implement SB 1122.

WORKSHOP AGENDA

A. Introduction and Overview

9:30-9:45

Project Overview (Adam Schultz – CPUC)

- Welcome, introductions, & housekeeping
- In scope vs. Out of scope
- Overview of workshop agenda
- Overview of SB 1122 and CPUC Implementation

Workshop Agenda – Small-scale Bioenergy: Potential, Costs, and FIT Implementation

B. Bioenergy Resource Potential:	9:45-10:45
<u>Resource Potential</u> (<i>Scott Olson – B&V</i>)	<i>9:45-10:15</i>
<ul style="list-style-type: none">• Feedstock definitions• Resource and technology assumptions• Category 1 resources<ul style="list-style-type: none">○ WWTP, low solids green waste• Category 2 resources<ul style="list-style-type: none">○ Dairy manure, agricultural residues, high solids food processing waste• Category 3 resources<ul style="list-style-type: none">○ Sustainable forest management byproducts• Summary of resource potential	
<u>Q&A: Resource Potential</u> (<i>Adam Schultz – CPUC, Scott Olson – B&V</i>)	<i>10:15-10:45</i>
BREAK	10:45-11:00
C. Small-Scale Bioenergy Cost Estimates:	11:00-12:15
<u>Cost Analysis</u> (<i>Scott Olson – B&V</i>)	<i>11:00-11:30</i>
<ul style="list-style-type: none">• Intent of analysis, assumptions, and high-level ReMAT overview• Category 1 resources<ul style="list-style-type: none">○ WWTP, low solids green waste• Category 2 resources<ul style="list-style-type: none">○ Dairy manure, agricultural residues, high solids food processing waste• Category 3 resources<ul style="list-style-type: none">○ Sustainable forest management byproducts• LCOE summary	
<u>Q&A: Cost Analysis</u> (<i>Adam Schultz – CPUC, Scott Olson – B&V</i>)	<i>11:30-12:15</i>
LUNCH BREAK	12:15-1:15
D. Feed-in Tariff Implementation Assessment	1:15-2:30
<u>FIT Implementation Assessment</u> (<i>Scott Olson – B&V</i>)	<i>1:15-1:45</i>
<ul style="list-style-type: none">• Overview of potential implementation and technical issues	

Workshop Agenda – Small-scale Bioenergy: Potential, Costs, and FIT Implementation

- Potential concerns with ReMAT application requirements
- Potential interconnection barriers
- Statutory interpretation of SB 1122

Q&A: FIT Implementation Assessment (*Adam Schultz – CPUC, Scott Olson – B&V*)

1:45-2:30

BREAK

2:30-2:45

E. SB 1122 Technology Allocation Options

2:45-4:00

SB 1122 Technology Allocation (*Scott Olson – B&V*)

2:45-3:15

- SB 1122 allocation targets – by peak load, by technology
- Overview of allocation options
- Option 1: Proportional by load
- Option 2: By resource availability
- Option 3: By resource availability, modified for market competition
- Other options currently non-compliant with SB 1122
- Summary of allocation options

Q&A: SB 1122 Allocation Options (*Adam Schultz – CPUC, Scott Olson – B&V*)

3:15-4:00

F. Wrap Up

4:00-4:15

Wrap Up (*Adam Schultz – CPUC*)

- High level summary of issues raised at workshop
- Next steps: Revised consultant study, staff proposal on SB 1122 implementation, proposed decision